Author Index

Abraham, W.C., see Williams, J. (28) 87
Abramovitz, M., Testori, A., Angelov, I.V.,
Darmon, A. and Listowsky, I.
Brain and testis selective expression of
the glutathione S-transferase Yb₃ subunit is governed by tandem direct repeat
octamer motifs in the 5'-flanking region

of its gene (28) 37 Abrous, D.N., see Mennicken, F. (28) 211 Akabayashi, A., see Watanabe, Y. (28) 135 Akagi, T., see Tomizawa, K. (28) 122 Andretic, R., see O'Hara, B.F. (28) 239 Angelov, I.V., see Abramovitz, M. (28) 37

Bare, D.J., see Shock, L.P. (28) 110 Bartsch, U., see Jucker, M. (28) 149 Beitz, A.J., see Kus, L. (28) 55 Birnbaum, A.K., Wotta, D.R., Law, P.Y. and Wilcox, G.L.

Functional expression of adrenergic and opioid receptors in *Xenopus* oocytes: interaction between α_{2} - and β_{2} -adrenergic receptors (28) 72

Bouldin, T.W., see Roberson, M.D. (28) 231 Bravo, R., see Williams, J. (28) 87 Bray, L., see Kingsbury, A.E. (28) 311 Brooks, P.J., see Funabashi, T. (28) 129 Burazin, T.C.D., see Shen, P.-J. (28) 222 Burke, L.C., see Lakin, N.D. (28) 47

Cairns, N., see Kingsbury, A.E. (28) 311 Carter, D.B., see McKinley, D.D. (28) 175 Carter, D.B., see O'Hara, B.F. (28) 239 Chopp, M., see Li, Y. (28) 164 Chritin, M., see Mennicken, F. (28) 211 Costa, E., see Harris, B.T. (28) 338

Dalrymple, S.J., see Zacharias, D.A. (28) 263 Darmon, A., see Abramovitz, M. (28) 37 De Blas, A.L., see Fernando, L.P. (28) 94 Deeds, J.D., see Weaver, D.R. (28) 296 Demmer, J., see Williams, J. (28) 87 Docter, G.J., see Jongen-Rêlo, A.L. (28) 169 Dragunow, M., see Williams, J. (28) 87

Eckersell, C.B., see Priest, C.A. (28) 251 Eve, D.J., see Kingsbury, A.E. (28) 311

Fernando, L.P., Khan, Z.U. and De Blas, A.L.

Antibodies to the rat β_3 subunit of the γ -aminobutyric acid_A receptors (28) 94 Feuerstein, C., see Mennicken, F. (28) 211 Fischer, S., Sharma, H.S., Karliczek, G.F. and Schaper, W.

Expression of vascular permeability factor/vascular endothelial growth factor in pig cerebral microvascular endothelial cells and its upregulation by adenosine (28) 141

 Foster, O.J.F., see Kingsbury, A.E. (28) 311
 French, K.L., see Holmes, M.C. (28) 186
 Funabashi, T., Brooks, P.J., Kleopoulos, S.P., Grandison, L., Mobbs, C.V. and Pfaff, D.W.

Changes in preproenkephalin messenger RNA level in the rat ventromedial hypothalamus during the estrous cycle (28) 129

George-Hyslop, P.H.St., see Querfurth, H.W. (28) 319

Goines, N.D., see Roberson, M.D. (28) 231 Grandison, L., see Funabashi, T. (28) 129 Grayson, D.R., see Harris, B.T. (28) 338 Gundersen, C.B., see Mastrogiacomo, A. (28)

Gundlach, A.L., see Shen, P.-J. (28) 222

Handa, R.J., see Kus, L. (28) 55
 Harris, B.T., Costa, E. and Grayson, D.R. Exposure of neuronal cultures to K⁺ depolarization or to N-methyl-D-aspartate increases the transcription of genes encoding the α1 and α5 GABA_A receptor subunits (28) 338

Hatase, O., see Tomizawa, K. (28) 122
Hayakawa, T., see Kohmura, E. (28) 117
Hayakawa, T., see Yuguchi, T. (28) 181
Heller, H.C., see O'Hara, B.F. (28) 239
Herman, J.P., see Mennicken, F. (28) 211
Hicks, K.J., see Honkaniemi, J. (28) 157
Holmes, M.C., French, K.L. and Seckl, J.R.
Modulation of serotonin and corticosteroid receptor gene expression in the

Modulation of serotonin and corticosteroid receptor gene expression in the rat hippocampus with circadian rhythm and stress (28) 186

Holstad, S.G., see Wong, E.T. (28) 101
Hong, S.E., see Wong, E.T. (28) 101
Honkaniemi, J., Sagar, S.M., Pyykönen, I.,
Hicks, K.J. and Sharp, F.R.
Focal brain injury induces multiple immediate early genes encoding zinc finger transcription factors (28) 157
Howard, M.K., see Lakin, N.D. (28) 47

Ikebe, S.-i., Tanaka, M. and Ozawa, T. Point mutations of mitochondrial genome in Parkinson's disease (28) 281

Inoue, K., Sakaitani, M., Shimada, S. and Tohyama, M. Cloning and expression of a bovine gluta-

mate transporter (28) 343

Isenberg, K.E., see Wong, E.T. (28) 101 Itano, T., see Tomizawa, K. (28) 122

Jacobowitz, D.M., see Strauss, K.I. (28) 81 Jiang, N., see Li, Y. (28) 164

Jongen-Rêlo, A.L., Docter, G.J., Jonker, A.J. and Voorn, P.

Differential localization of mRNAs encoding dopamine D₁ or D₂ receptors in cholinergic neurons in the core and shell of the rat nucleus accumbens (28) 169

Jonker, A.J., see Jongen-Rêlo, A.L. (28) 169 Jope, R.S., see Unlap, T. (28) 193

Jucker, M., Mondadori, C., Mohajeri, H., Bartsch, U. and Schachner, M. Transient upregulation of NCAM mRNA in astrocytes in response to entorhinal cortex lesions and ischemia (28) 149

Kaibuchi, K., see Miyazaki, M. (28) 29 Kajiwara, K., see Shimizu-Nishikawa, K. (28) 201

Karliczek, G.F., see Fischer, S. (28) 141 Katagiri, T., see Sakimura, K. (28) 19 Katsuki, M., see Shimizu-Nishikawa, K. (28) 201

Kerr, J.E., see Kus, L. (28) 55 Khan, Z.U., see Fernando, L.P. (28) 94 Kilduff, T.S., see O'Hara, B.F. (28) 239 Kimura, M., see Shimizu-Nishikawa, K. (28)

Kingsbury, A.E., Foster, O.J.F., Nisbet, A.P., Cairns, N., Bray, L., Eve, D.J., Lees, A.J. and Marsden, C.D.

Tissue pH as an indicator of mRNA preservation in human post-mortem brain (28) 311

Kleopoulos, S.P., see Funabashi, T. (28) 129 Klinz, S.G., see Shock, L.P. (28) 110

Kohmura, E., Yuguchi, T., Yamada, K., Sakaguchi, T., Wanaka, A. and Hayakawa. T.

Expression of c-fos mRNA after cortical ablation in rat brain is modulated by basic fibroblast growth factor (bFGF) and the NMDA receptor is involved in c-fos expression (28) 117

Kohmura, E., see Yuguchi, T. (28) 181 Kohno, H., see Miyazaki, M. (28) 29 Kondo, E., see Tomizawa, K. (28) 122 Kudo, Y., see Sakimura, K. (28) 19

Kus, L., Handa, R.J., Sanderson, J.J., Kerr, J.E. and Beitz, A.J.

Distribution of NMDAR1 receptor subunit mRNA and [125 I]MK-801 binding in the hypothalamus of intact, castrate and castrate-DHTP treated male rats (28) 55 Kushiya, E., see Sakimura, K. (28) 19

Lakin, N.D., Palmer, R., Lillycrop, K.A.,
 Howard, M.K., Burke, L.C., Thomas,
 N.S.B. and Latchman, D.S.
 Down regulation of the octamer binding protein Oct-1 during growth arrest and differentiation of a neuronal cell line (28)

Latchman, D.S., see Lakin, N.D. (28) 47
Law, P.Y., see Birnbaum, A.K. (28) 72
Lawlor, P., see Williams, J. (28) 87
Leah, J., see Williams, J. (28) 87
Lee, K., see Weaver, D.R. (28) 296
Lee, L., see Schulz, N.T. (28) 273
Lees, A.J., see Kingsbury, A.E. (28) 311
Le Moal, M., see Mennicken, F. (28) 211
Lennon, D.J., see McKinley, D.D. (28) 175
Li, Y., Chopp, M., Jiang, N. and Zaloga, C.
In situ detection of DNA fragmentation
after focal cerebral ischemia in mice (28)
164

Lillycrop, K.A., see Lakin, N.D. (28) 47 Listowsky, I., see Abramovitz, M. (28) 37

Maness, P.F., see Shock, L.P. (28) 110
Marsden, C.D., see Kingsbury, A.E. (28) 311
Mason, S., see Williams, J. (28) 87
Mastrogiacomo, A. and Gundersen, C.B.
The nucleotide and deduced amino acid sequence of a rat cysteine strin; protein

Matsui, H., see Tomizawa, K. (28) 122 Matsuura, H., see Miyakawa, T. (28) 349 McEwen, B.S., see Watanabe, Y. (28) 135 McKinley, D.D., Lennon, D.J. and Carter, D.B.

Cloning, sequence analysis and expression of two forms of mRNA coding for the human β_2 subunit of the GABA_A receptor (28) 175

Mennerick, S.J., see Wong, E.T. (28) 101
Mennicken, F., Savasta, M., Chritin, M.,
Feuerstein, C., Le Moal, M., Herman,
J.P. and Abrous, D.N.
The neonatal lesion of the mesotelencephalic dopaminergic pathway increases intrastriatal D₂ receptor levels
and synthesis and this effect is reversed
by neonatal dopaminergic rich-graft (28)
211

Micevych, P.E., see Priest, C.A. (28) 251
Micevych, P.E., see Priest, C.A. (28) 61
Miyakawa, T., Yagi, T., Taniguchi, M., Matsuura, H., Tateishi, K. and Niki, H.
Enhanced susceptibility of audiogenic seizures in Fyn-kinase deficient mice (28) 349

Miyamoto, K., see Tomizawa, K. (28) 122
Miyazaki, M., Kaibuchi, K., Shirataki, H.,
Kohno, H., Ueyama, T., Nishikawa, J.
and Takai, Y.
Rabphilin-3A binds to a M, 115,000
polypeptide in a phosphatidylserine- and
Ca²⁺-dependent manner (28) 29
Mobbs, C.V., see Funabashi, T. (28) 129

Mohajeri, H., see Jucker, M. (28) 149 Mondadori, C., see Jucker, M. (28) 149 Moniot, B., see Sans, N. (28) 1 Morell, P., see Roberson, M.D. (28) 231

Nagahata, S., see Tomizawa, K. (28) 122 Niki, H., see Miyakawa, T. (28) 349 Nisbet, A.P., see Kingsbury, A.E. (28) 311 Nishikawa, J., see Miyazaki, M. (28) 29

Ogura, A., see Sakimura, K. (28) 19
O'Hara, B.F., Andretic, R., Heller, H.C.,
Carter, D.B. and Kilduff, T.S.
GABA_A, GABA_C, and NMDA receptor
subunit expression in the suprachiasmatic
nucleus and other brain regions (28) 239
Otsuki, H., see Yuguchi, T. (28) 181
Ozawa, T., see Ikebe, S.-i. (28) 281

Palmer, R., see Lakin, N.D. (28) 47
Paulhiac, C.I., see Schulz, N.T. (28) 273
Pfaff, D.W., see Funabashi, T. (28) 129
Priest, C.A., Eckersell, C.B. and Micevych,
P.E.
Estrogen regulates preproenkephalin-A

mRNA levels in the rat ventromedial nucleus: temporal and cellular aspects (28) 251

Priest, C.A., Vink, K.L. and Micevych, P.E. Temporal regulation by estrogen of β-preprotachykinin mRNA expression in the rat ventromedial nucleus of the hypothalamus (28) 61

Pyykönen, I., see Honkaniemi, J. (28) 157

Querfurth, H.W., Wijsman, E.M., George-Hyslop, P.H.St. and Selkoe, D.J. βAPP mRNA transcription is increased in cultured fibroblasts from the familial Alzheimer's disease-1 family (28) 319

Raymond, J., see Sans, N. (28) 1 Roberson, M.D., Toews, A.D., Bouldin, T.W., Weaver, J., Goines, N.D. and Morell, P. NGFR-mRNA expression in sciatic nerve: a sensitive indicator of early stages of axonopathy (28) 231

Sagar, S.M., see Honkaniemi, J. (28) 157
Sakaguchi, T., see Kohmura, E. (28) 117
Sakaitani, M., see Inoue, K. (28) 343
Sakaki, T., see Yuguchi, T. (28) 181
Sakimura, K., Kushiya, E., Ogura, A., Kudo, Y., Katagiri, T. and Takahashi, Y.
Upstream and intron regulatory regions for expression of the rat neuron-specific enolase gene (28) 19
Sanderson, J.J., see Kus, L. (28) 55

Sans, N., Moniot, B. and Raymond, J.
Distribution of calretinin mRNA in the
vestibular nuclei of rat and guinea pig
and the effects of unilateral labyrinthectomy: a non-radioactive in situ hybridization study (28) 1

Savasta, M., see Mennicken, F. (28) 211 Schachner, M., see Jucker, M. (28) 149 Schaper, W., see Fischer, S. (28) 141 Schulkin, J., see Strauss, K.I. (28) 81 Schulz, N.T., Paulhiac, C.I., Lee, L. and Zhou, R. Isolation and expression analysis of *tyro3*, a murine growth factor receptor tyrosine

a murine growth factor receptor tyrosine kinase preferentially expressed in adult brain (28) 273

Seckl, J.R., see Holmes, M.C. (28) 186 Segre, G.V., see Weaver, D.R. (28) 296 Selkoe, D.J., see Querfurth, H.W. (28) 319 Sharma, H.S., see Fischer, S. (28) 141 Sharp, F.R., see Honkaniemi, J. (28) 157 Shen, P.-J., Burazin, T.C.D. and Gundlach, A.I.

Noradrenergic regulation of immediate early gene expression in rat forebrain: differential effects of α_{1} - and α_{2} -adrenoceptor drugs (28) 222

Shimada, S., see Inoue, K. (28) 343 Shimizu-Nishikawa, K., Kajiwara, K., Kimura, M., Katsuki, M. and Sugaya, E. Cloning and expression of SEZ-6, a brain-specific and seizure-related cDNA (28) 201

 Shirataki, H., see Miyazaki, M. (28) 29
 Shock, L.P., Bare, D.J., Klinz, S.G. and Maness, P.F.
 Protein tyrosine phosphatases expressed in developing brain and retinal Müller glia (28) 110

Strauss, K.I., Schulkin, J. and Jacobowitz, D.M.

Corticosterone effects on rat calretinin mRNA in discrete brain nuclei and the testes (28) 81

Strehler, E.E., see Zacharias, D.A. (28) 263 Sugaya, E., see Shimizu-Nishikawa, K. (28)

Takahashi, Y., see Sakimura, K. (28) 19 Takai, Y., see Miyazaki, M. (28) 29 Tanaka, M., see Ikebe, S.-i. (28) 281 Taniguchi, M., see Miyakawa, T. (28) 349 Tate, W., see Williams, J. (28) 87 Tateishi, K., see Miyakawa, T. (28) 349 Testori, A., see Abramovitz, M. (28) 37 Thomas, N.S.B., see Lakin, N.D. (28) 47 Toews, A.D., see Roberson, M.D. (28) 231 Tohyama, M., see Inoue, K. (28) 343 Tohyama, M., see Yuguchi, T. (28) 181 Tokuda, M., see Tomizawa, K. (28) 122 Tomizawa, K., Matsui, H., Kondo, E., Miyamoto, K., Tokuda, M., Itano, T., Nagahata, S., Akagi, T. and Hatase, O. Developmental alteration and neuronspecific expression of bone morphogenetic protein-6 (BMP-6) mRNA in rodent brain (28) 122

Ueyama, T., see Miyazaki, M. (28) 29 Unlap, T. and Jope, R.S.

Tsuji, S., see Yuguchi, T. (28) 181

Diurnal variation in kainate-induced AP-1 activation in rat brain: influence of glucecorticoids (28) 193

Vink, K.L., see Priest, C.A. (28) 61 Voorn, P., see Jongen-Rêlo, A.L. (28) 169 Wanaka, A., see Kohmura, E. (28) 117 Wanaka, A., see Yuguchi, T. (28) 181 Watanabe, Y., Akabayashi, A. and McEwen,

B.S.
Adrenal steroid regulation

Adrenal steroid regulation of neuropeptide Y (NPY) mRNA: differences between dentate hilus and locus coeruleus and arcuate nucleus (28) 135

Weaver, D.R., Deeds, J.D., Lee, K. and Segre, G.V.

Localization of parathyroid hormone-related peptide (PTHrP) and PTH/PTHrP receptor mRNAs in rat brain (28) 296

Weaver, J., see Roberson, M.D. (28) 231 Wießner, C.

The dual specificity phosphatase PAC-1 is transcriptionally induced in the rat brain following transient forebrain ischemia (28) 353

Wijsman, E.M., see Querfurth, H.W. (28) 319

Wilcox, G.L., see Birnbaum, A.K. (28) 72

Williams, J., Dragunow, M., Lawlor, P., Mason, S., Abraham, W.C., Leah, J., Bravo, R., Demmer, J. and Tate, W.

Krox20 may play a key role in the stabilization of long-term potentiation (28) 87

Wong, E.T., Holstad, S.G., Mennerick, S.J., Hong, S.E., Zorumski, C.F. and Isenberg, K.F.

Pharmacological and physiological properties of a putative ganglionic nicotinic receptor, $\alpha_3\beta_4$, expressed in transfected eucaryotic cells (28) 101

Wotta, D.R., see Birnbaum, A.K. (28) 72

Yagi, T., see Miyakawa, T. (28) 349 Yamada, K., see Kohmura, E. (28) 117 Yamada, K., see Yuguchi, T. (28) 181 Yamashita, T., see Yuguchi, T. (28) 181

Yuguchi, T., Kohmura, E., Yamada, K., Sakaki, T., Yamashita, T., Otsuki, H., Wanaka, A., Tohyama, M., Tsuji, S. and Hayakawa, T.

Changes in growth inhibitory factor mRNA expression compared with those in c-jun mRNA expression following facial nerve transection (28) 181

Yuguchi, T., see Kohmura, E. (28) 117

Zacharias, D.A., Dalrymple, S.J. and Strehler, E.E.

Transcript distribution of plasma membrane Ca²⁺ pump isoforms and splice variants in the human brain (28) 263

Zaloga, C., see Li, Y. (28) 164 Zhou, R., see Schulz, N.T. (28) 273 Zorumski, C.F., see Wong, E.T. (28) 101